

Ethylene
74-85-1 | DTXSID1026378

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 1.12

Global applicability domain: Inside

Local applicability domain index: 4.97e-01

Confidence level: 8.53e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Ethylene</div> <div>Measured: 1.13</div> <div>Predicted: 1.12</div>	<div>Image not found</div> <div>1-Propene</div> <div>Measured: 1.77</div> <div>Predicted: 1.78</div>	<div>Image not found</div> <div>Ethylene oxide</div> <div>Measured: -0.300</div> <div>Predicted: -0.259</div>
<div>Image not found</div> <div>1-Propyne</div> <div>Measured: 0.94</div> <div>Predicted: 1.01</div>	<div>Image not found</div> <div>1,3-Butadiene</div> <div>Measured: 1.99</div> <div>Predicted: 1.88</div>	